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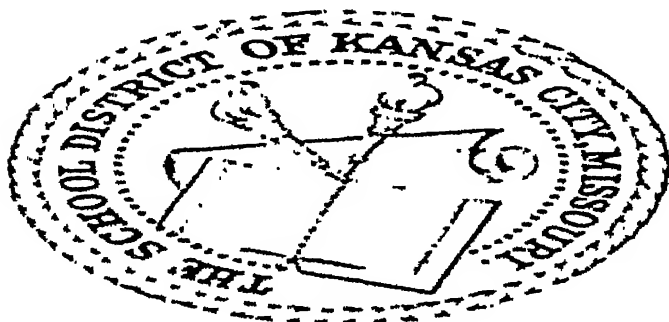


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INDUSTRIAL ARTS INDEX

THIRD ANNUAL CUMULATION

SUBJECT INDEX TO A SELECTED LIST OF ENGINEERING
AND TRADE PERIODICALS FOR 1915

EDITED BY

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With this issue the Industrial Arts Index completes its third year. Although it is the annual volume for 1915 it indexes most of the magazines for December 1914 and only a few for December 1915. The Proceedings of the American Gas Institute, Journal of the Boston Society of Civil Engineers, Journal of the Institution of Electrical Engineers and The University of Minnesota Studies in Engineering have been added this year.

There have been many suggestions for further additions to the list of periodicals indexed. Among these are the Bulletin of the American Railway Engineering Association; Canadian Mining Institute Quarterly Bulletin; Gas Age; Gas World (London); Journal of Electricity, Power and Gas; Journal of Gas Lighting (London); London Times (Engineering Supplement); Mining and Engineering World; Mining Press; Proceedings of the Electric Light Association; Printer's Ink; Printing Art; Bulletin of the Society of Automobile Engineers; Technology Monthly and Harvard Engineering Journal; American Lumberman.

Any of our subscribers who may be interested in having one or more of these periodicals indexed are asked to send us their votes. Any suggestions as to other additions or improvements will also be carefully considered.

There are several other periodicals which would be indexed in the Industrial Arts Index if the publishers were willing to furnish us copies for the purpose. It is for this reason that Ice and Refrigeration, Electric Journal, American Machinist, and Proceedings of the American Society of Civil Engineers are not included.

National Preparedness and Military Training

A new aid to the many who are discussing "preparedness" is the Abridged Debaters' Handbook on military training, just published by The H. W. Wilson Company (25c.). This covers the question of military training in schools and colleges, gives a list of organizations working for or against national defense, a brief, six pages of bibliography, and fifty-five pages of excerpts on both sides of the question. National Defense, one of the titles in the Debaters' Handbook series, price \$1.00, should be used to supplement the one on military training, if fuller information as to the present strength of our national defenses is desired.

A larger handbook on military training, in the regular series, will be issued as soon as the amount of valuable new material seems to warrant it. This handbook will include the question of compulsory military service.

Notes and Announcements

The Civil Engineers' Society of St. Paul began in November the publication of a monthly bulletin. This publication "is for the purpose of giving to the society an organ through which it may advocate a better understanding of the engineering profession in relation to the public welfare."

The Journal of the Association of Engineering Societies will be discontinued with the December, 1915, issue, owing to the disbanding of the Association on December 31, 1915. The Engineers' Club of St. Louis, the largest society in the Association and its active head for the past two years, will begin the publication of a bi-monthly journal to be known as the Journal of the Engineers' Club of St. Louis.

The Associated Technical Men, an association formed in 1914 for the purpose of furthering the interests of technical men, has commenced the publication of a monthly bul-

NOTES AND ANNOUNCEMENTS

letin to keep all members of the society informed as to its progress and to acquaint non-members with the work it is doing. A. M. Wolf, 180 North Dearborn Street, Chicago, is editor of the publication.

The first number of the Utilities Magazine was published in July, 1915. This is the official organ of the Utilities Bureau, which grew out of the conference of American mayors on public policies as to municipal utilities, held in Philadelphia, in November, 1914. In November, 1915, a Valuation Conference under the auspices of this bureau was held in Philadelphia, seven sessions being held. The proceedings of the conference will be made available in the January issue of the Utilities Magazine.

The Rhode Island Highway News, the first number of which was issued in September, 1915, is a publication of the State Board of Public Roads, and is similar to those which are issued by the highway authorities of several other states. It contains short articles on the maintenance of bituminous macadam and water bound macadam roads, a description of the business methods in the office of the board and discussions of various phases of construction and maintenance work.

There were no numbers of the Journal of the Institution of Electrical Engineers published between the issues of June 15 and Dec. 1.

The first issue of the new quarterly Bulletin of the National District Heating Association has made its appearance, being dated October, 1915. The bulletin is of standard magazine size. Under the committee heading, it is stated that the station operating committee will take up, among other things, the subjects of (1) oil as a fuel; (2) bleeder type of turbo-generator, and (3) operating data relative to a certain heating plant on which accurate information will be obtained by the committee through tests made by one of the member companies.

The Textile World Record, published by the Lord & Nagle Company, and the Textile Man-

ufacturers Journal, published by J. H. Bragdon & Company, have been consolidated to form a new publication known as the Textile World Journal. This is issued weekly, combining the news and market report features, which have been a specialty of the Textile Manufacturers Journal, and the technical machinery and special features of the Textile World Record. The Bragdon, Lord & Nagle Company, Incorporated, publish the Textile World Journal at their publication office, 377 Broadway, New York.

The Railway Electrical Engineer, which has been published by the Wray Publishing Company, at Chicago, has been bought by the Simmons-Boardman Publishing Company, the publisher of the Railway Age Gazette, and the Signal Engineer. Beginning with November it will be published by the Simmons-Boardman Publishing Company from its New York office. It will not be consolidated with any of the other periodicals of this company, but will be continued as a separate monthly publication.

The Colliery Engineer, formerly published by the International Textbook Company, at Scranton, Pennsylvania, has been purchased by the Hill Publishing Company, and was consolidated with the Coal Age in November. The latter periodical will be added to the list of those indexed in the Industrial Arts Index.

Among the magazines suggested for indexing in the Industrial Arts Index is the Mining and Engineering World, published in Chicago. The weekly issues of this magazine contain the titles of articles on mining, metallurgy and geology appearing in American and foreign periodicals. These are cumulated in semi-annual volumes, and published as the Mining World Index of Current Literature. Some four hundred periodicals are indexed, also publications of schools, societies, and government bureaus, and new books. The index has a classified arrangement, and, in many cases, a brief annotation follows the title. The seven-th volume, covering January to June, 1915, has recently been published.

List of Periodicals Indexed

- Am Chem Soc J**—Journal of the American Chemical Society. \$6. Charles L. Parsons, sec., Box 505, Washington, D. C.
- Am Eng**—American Engineer. See Ry Age (Mech ed).
- Am For**—American Forestry. \$3; single numbers 25c. American Forestry Assn., 1410 H St, N. W., Washington, D. C.
- Am Gas Inst Pro**—Proceedings of the American Gas Institute, ninth annual meeting, 1914. \$7.50 to libraries. American Gas Institute, 29 W 39th St, New York.
- Am Gas Light J**—American Gas Light Journal. \$3; single numbers 10c. American Gas Light Journal, 42 Pine St, New York.
- Am Ind**—American Industries. \$1; single numbers 10c. National Manufacturers Co., 30 Church St, New York.
- Am Inst Arch J**—Journal of the American Institute of Architects. \$5; single numbers 50c. American Institute of Architects, The Octagon, Washington, D. C.
- Am Inst E E Pro**—American Institute of Electrical Engineers. Proceedings. \$10; single numbers \$1. F. L. Hutchinson, sec., 33 W 39th St, New York.
- Am Inst Min E Bul**—Bulletin of the American Institute of Mining Engineers, subs., \$10; single numbers \$1; to members, public libraries, and educational institutions, \$5; single numbers 50c. B. Stoughton, sec., 29 W 39th St, New York.
- Am Soc Heat & V E**—Transactions of the American Society of Heating and Ventilating Engineers. American Society of Heating and Ventilating Engineers, 29 W 39th St, New York.
- Am Soc M E J**—Journal of the American Society of Mechanical Engineers. \$3; single numbers 35c. American Society of Mechanical Engineers, 29 W 39th St, New York.
- Am Water Works Assn J**—Journal of the American Water Works Association. American Water Works Assn., 2419 Greenmount Av, Baltimore, Md.
- Arch & Bldg**—Architecture and Building. \$2; single numbers 30c. William T. Comstock Co., 23 Warren St, New York.
- Arch Rec**—Architectural Record. \$3; single numbers 35c. Architectural Record Co., 115 W 40th St, New York.
- Assn Eng Soc J**—Journal of the Association of Engineering Societies. \$3; single numbers 30c. Association of Engineering Societies, J. W. Peters, sec., 3817 Olive St, St. Louis, Mo.
- Automobile**—Automobile. \$3; single numbers 10c. Glass Journal Co., 231 W 39th St, New York.
- Bldg Age**—Building Age. \$2; single numbers 30c. David Williams Co., 239 W 39th St, New York.
- Boston Soc C E J**—Journal of the Boston Society of Civil Engineers. \$4 (ten numbers); single numbers 50c. Boston Society of Civil Engineers, 715 Tremont Temple, Boston.
- Bricks**—Brickbuilder. \$5; single numbers 50c. Rogers & Manson Co., 85 Water St, Boston.
- Colliery**—Colliery Engineer. \$2; single numbers 25c. Hill Pub Co., 10th Av at 36th St, New York.
- Consolidated with Coal Age on Nov. 6.
- Concrete Cem**—Concrete-Cement Age. \$1.50; single numbers 15c. Concrete-Cement Age Pub. Co., 97 West Fort St, Detroit, Mich.
- Dom Eng**—Domestic Engineering. \$2; single numbers 10c. Domestic Engineering Co., 445-447 Plymouth Court, Chicago.
- Econ Geol**—Economic Geology. \$3; single numbers 50c. Economic Geology Pub. Co., 41 North Queen St, Lancaster, Pa.
- Elec Ry J**—Electric Railway Journal. \$3; single numbers 10c. McGraw Pub. Co., 239 W 39th St, New York.
- Elec R & W Elec'n**—Electrical Review and Western Electrician. \$3; single numbers 10c. Electrical Review Pub. Co., 608 S Dearborn St, Chicago.
- Elec W**—Electrical World. \$3 single numbers 10c. McGraw Pub Co., 239 W. 39th St, New York.
- Engineer**—Engineer. Thick paper ed \$2 6d; Canadian subs \$1 16s; thin paper ed \$1 16s; Canadian subs \$1 11s 6d. Engineer, 33 Norfolk St, Strand, London, W. C.
- Eng & Contr**—Engineering and Contracting. \$2. Myron C. Clark Pub. Co., 608 S Dearborn St, Chicago.
- Eng & Min J**—Engineering and Mining Journal. \$5; single numbers 15c. Hill Pub. Co., 10th Av at 36th St, New York.
- Eng M**—Engineering Magazine. \$3; single numbers 25c. Engineering Magazine Co., 140 Nassau St, New York.
- Eng N**—Engineering News. \$5; single numbers 15c. Hill Pub. Co., 10th Av at 36th St, New York.
- Eng Rec**—Engineering Record. \$3; single numbers 10c. McGraw Pub. Co., 239 W 39th St, New York.
- Eng Soc W Pa**—Proceedings of the Engineers' Society of Western Pennsylvania. \$5; single numbers 50c. Engineers' Society of Western Pennsylvania, 2511 Oliver Bldg, Pittsburgh, Pa.
- Foundry**—Foundry. \$1; single numbers 15c. Penton Pub. Co., Penton Bldg, Cleveland, O.
- Gen Elec R**—General Electric Review. \$2; single numbers 20c. General Electric Co., Schenectady, N. Y.
- Good Roads n s**—Good Roads new series. \$2; single numbers 5c except first numbers of each month 10c. E. L. Powers Co., 150 Nassau St, New York.
- Heat & Ven**—Heating and Ventilating Magazine. \$1; single numbers 10c. Heating & Ventilating Magazine Co., 1123 Broadway, New York.
- Horseless Age**—Horseless Age. \$2; single numbers 10c. Horseless Age Co., 440 4th Av, New York.
- Ill U Eng Exp Sta Bul**—Illinois University Engineering Experiment Station. Bulletin. Univ. of Ill., Urbana.
- Illum Engr**—Illuminating Engineer. 10s 6d; single numbers 1s. Illuminating Engineering Pub. Co., 32 Victoria St, London, S. W.
- Illum Eng Soc**—Transactions of the Illuminating Engineering Society. \$5; single numbers 75c. Illuminating Engineering Soc., 29 W 39th St, New York.
- Ind Eng**—Industrial Engineering and Engineering Digest. \$2; single numbers 20c. Technical Literature Co., 120 W 32d St, New York.
- Inland Ptr**—Inland Printer. \$2; single numbers 30c. Inland Printer Co., 632 Sherman St, Chicago.
- Inst E E J**—Journal of the Institution of Electrical Engineers. single numbers 3s 6d. 1s. & P. N. Spon, Ltd., 57 Haymarket, London, E. W.; Spon & Chamberlain, 123 Liberty St, New York.
- Int Marine Eng**—International Marine Engineering. \$2. Aldrich Pub. Co., 17 Battery Place, New York.
- Iron Age**—Iron Age. \$5; single numbers 20c. David Williams Co., 239 W 39th St, New York.
- Iron Tr R**—Iron Trade Review. \$4; single numbers 15c. Penton Pub. Co., Penton Bldg., Cleveland, O.

LIST OF PERIODICALS INDEXED

- J Account**—Journal of Accountancy. \$3; single numbers 30c. Ronald Press Co., 20 Vesey St, New York.
- J Fr Inst**—Journal of the Franklin Institute. \$5; single numbers 50c. Franklin Institute, Philadelphia.
- J Ind & Eng Chem**—Journal of Industrial and Engineering Chemistry. \$6. American Chemical Society, Easton, Pa.
- Locomotive**—Locomotive. 50c; single numbers gratis; recent bound volumes \$1. Hartford Steam Boiler Inspection & Insurance Co., Hartford, Conn.
- Mach**—Machinery. Engineering edition \$2; coated pa. \$2.50; single numbers 20c. Industrial Press, 140 Lafayette St, New York.
- Metal & Chem Eng**—Metallurgical and Chemical Engineering. \$3; single numbers 25c. McGraw Pub. Co., 239 W 39th St, New York.
- Metal Ind n s**—Metal Industry new series. \$1; single numbers 10c. Metal Industry, 99 John St, New York.
- Metal Work**—Metal Worker, Plumber & Steam Fitter. \$2; single numbers 10c. David Williams Co., 239 W 39th St, New York.
- Minn U Bul**—University of Minnesota. Studies in engineering. Univ. of Minn., Minneapolis
- Munic Eng**—Municipal Engineering. \$2; single numbers 25c. Engineering Pub. Co., 702 Wabash Bldg, Indianapolis, Ind.
- Munic J**—Municipal Journal. \$3; single numbers 10c; special numbers 25c. Municipal Journal and Engineer, Inc., 59 Union Square, New York.
- Power**—Power. \$2; single numbers 5c. Hill Pub. Co., 10th Av at 36th St, New York.
- Ry Age**—Railway Age Gazette. \$5; single numbers 15c. Simmons-Boardman Pub. Co., Woolworth Bldg, New York.
- Ry Age (Mech ed)**—Railway Age Gazette, mechanical edition including the American Engineer. \$2; single numbers 20c. Simmons-Boardman Pub. Co., Woolworth Bldg, New York.
- Ry R**—Railway Review. \$1; single numbers 15c. Railway Review, 1407 Ellsworth Bldg, Chicago; 30 Church St, New York.
Formerly Railway and Engineering Review.
- Sch Mines Q**—School of Mines Quarterly. \$1.50; single numbers 50c. School of Mines Quarterly, Columbia University, New York.
- Sci Am**—Scientific American. \$3; single numbers 10c. Munn & Co., 361 Broadway, New York.
- Sci Am S**—Scientific American Supplement. \$5; single numbers 10c. Munn & Co., 361 Broadway, New York.
- Sibley J**—Sibley Journal of Engineering. \$2; single numbers 25c. Sibley College, Cornell Univ., Ithaca, N. Y.
- Stevens Ind**—Stevens Indicator. \$1.50; single numbers 50c. Stevens Institute of Technology, Hoboken, N. J.
- Textile World**—Textile World Journal. \$3 Braddon, Lord & Nagle Co., 377 Broadway, New York.
Formerly published as Textile World Record, monthly at \$2
- U S Agric Bul**—United States. Dept. of Agriculture. Bulletin. Distributed free of charge. U. S. Dept. of Agriculture, Division of Publications, Washington, D. C.
Contributions from the Bureau of Chemistry, Forest Service and Office of Public Roads are indexed.
- U S Bur For & Dom Com**—United States. Bureau of Foreign and Domestic Commerce. Special agents series. U. S. Bureau of Foreign and Domestic Commerce, Washington, D. C.
- U S Bur Mines Bul**—United States. Bureau of Mines. Bulletin. Distributed free of charge. U. S. Bureau of Mines, Washington, D. C.
- U S Bur Mines Circ**—United States. Bureau of Mines. Miners' circular. U. S. Bureau of Mines, Washington, D. C.
- U S Bur Mines Tech Pa**—United States. Bureau of Mines. Technical paper. U. S. Bureau of Mines, Washington, D. C.
- U S Bur Stand Bul**—United States. Bureau of Standards. Bulletin. Gratis to educational and scientific institutions and to government departments. U. S. Bureau of Standards, Washington, D. C.
Sold to individuals by the Superintendent of Documents. \$1; single numbers 25c.
- U S Bur Stand Circ**—United States. Bureau of Standards. Circular. U. S. Bureau of Standards, Washington, D. C.
- U S Bur Stand Tech Pa**—United States. Bureau of Standards. Technology paper. U. S. Bureau of Standards, Washington, D. C.
- U S Sp Cons Rep**—United States. Special consular reports. U. S. Bureau of Foreign and Domestic Commerce, Washington, D. C.
- W Soc E J**—Journal of the Western Society of Engineers. \$3. Single numbers 50c. Western Society of Engineers, 1135 Monadnock Bldg, Chicago.
- Wis U Bul Eng S**—Bulletin of the University of Wisconsin, Engineering Section. Univ. of Wis., Madison.

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A Cumulative Index to Engineering and Trade Periodicals

January—December, 1915

- Abattoirs.** See Slaughtering and slaughter houses
- Abbeys**
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- Aberdeen, South Dakota**
Sewerage
Sewage disposal plant at Aberdeen, South Dakota; with discussion. W. G. Potter. II plans W Soc M J 19:788-805, pl 1-8 O '14; Same. Eng & Contr 43:37-8 Ja 13 '15; Same cond. Metal Work 84:214-17 Ag 13 '15
Water supply
Rectangular fire-service reservoir. W. G. Potter. II Eng Rec 71:260-1 E 27 '15
- Ablene, Kansas**
Politics and government
Results obtained at Abilene, in 16 months under commission-manager government. K. Middle. Eng & Contr 42:503-4 N 25 '14
- Ability**
See also Efficiency, Industrial; Leadership
Ability tests
Measuring human intelligence: standardized tests used by the Public health service. H. A. Knox. II Sci Am 112:52-3+ Ja 9 '15
Mental tests of dementia. B. Hart and C. Spearman. Sci Am S 80:206-8 S 25 '15
New way of measuring mental ability. A. M. Jungmann. II diag Sci Am S 80:140-1 Ag 28 '15
Selecting the right occupation. Eng N 74:321-2 Ag 12 '15
Teaching defective children. A. M. Jungmann. Sci Am 112:361 Ap 17 '15
- Ablain St. Nazaire, France**
Church of Ablain St. Nazaire. J. P. Alaux. II Am Inst Arch J 3:337-8 Ag '15
- Abrasive wheels.** See Grinding machines; Grinding wheels
- Abrasives**
Abrasive for grinding steel; patented by H. T. Kalmus. Met & Chem Eng 13:762-3 O 15 '15
Abrasive products at San Francisco fair. II Iron Tr R 57:487 S 9 '15
Abrasives; various kinds used in grinding and polishing. C. Hawke. Metal Ind n 13:101-2, 148-50 Mr-Apr '15
Carborundum products, their manufacture and uses as abrasives and refractories. C. B. Hawke. Iron Age 96:1121 N 11 '15
Grinding wheels for foundry use. C. F. Dietz. Iron Tr R 57:314-18+ Ag 12 '15
Grinding wheels; history and description of various abrasive compounds. W. C. Gold. Metal Ind n 13:450-2 N '15
Laps and lapping; abstracts. W. A. Knight and A. A. Gano. diag Am Soc M 16 J 37: 461-6 Ag '15; Iron Tr R 57:24-6 Ji 1 '15; Mach 21:976-8 Ag '15; Discussion. Am Soc M 16 J 37:456-8 Ag '15
See also Grinding and polishing
- Absolute zero.** See Temperature, Low
- Absorbent cotton.** See Cotton, Absorbent
- Absorption**
Absorption of glucose by bone-black. H. A. Morton. Am Chem Soc J 36:1832-3 S '14
Reagents for use in gas analysis; alkaline pyrogallol. R. P. Anderson. diag J Ind & Eng Chem 7:587-96 Ji '15
Specific absorption of reagents for gas analysis. R. P. Anderson. J Ind & Eng Chem 7: 587 Ji '15
- Academic freedom**
Common sense regarding academic freedom. Eng Rec 72:35 Ji 10 '15
Common sense regarding academic freedom. J. W. Alvord. Eng Rec 72:176 Ag 7 '15
- Accelerometer**
Measuring shocks of vehicles and vibrations of buildings; a means for investigating important traffic problems. A. Boyer-Quillon. II diag Sci Am S 78:364-5 D 5 '14
- Accidents**
See also Aeronautics—Accidents; Automobile accidents; Collisions at sea; Railroads—Accidents; Shipwrecks; Street accidents; Subways—Accidents
Accidents, Industrial
Conditions of industrial accidents. Sci Am S 79:179 Mr 20 '15
Crane and chain accidents; abstract. Ind Eng 14:411-12 O '14
Explosions and accidents. Engineer 118:531-2 D 4 '14
Industrial accidents in Massachusetts. Sci Am 112:433 My 8 '15
Intoxication, a cause of accidents. T. D. West. II Iron Tr R 56:713-16 Ap 8 '15; Same. Foundry 43:267-70 Ji '15
Prevention of accidents in cotton mills. J. Calder. Textile World 49:622-4 S '15
Prevention of infection. T. Darlington. Iron Tr R 56:770 Ap 15 '15
Relation between accidents and inadequate lighting. Illum Eng 8:383-5 S '15
Safety in stone quarrying; typical accidents in quarries. O. Bowles. U S Bur Mines Tech Pa 11:43-6 '15
See also Boiler accidents; Boiler explosions; Coal mines and mining—Accidents and explosions; Coke ovens—Accidents; Cranes, derricks, etc.—Accidents; Employers' liability; Explosions; First aid in illness and injury; Foundries—Accidents; Gas manufacture and works—Accidents; Metallurgical plants—Accidents; Mine accidents; Safety devices and measures; Workmen's compensation
- Accountants**
Contractual relations between clients and accountants. H. M. Temple. J Account 20: 261-6 O '15
Relations of accountants and engineers in special investigations of various kinds of plants. H. C. Hopson. J Account 20:397-9 N '15
- Accountants, Public**
Accountants and the public. H. D. Love. J Account 18:480-92 D '14
Accounting profession in the United States. J. B. Masters. J Account 20:349-55 N '15

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- Accounting profession; its demands and its future. *Id.* W. Sells. *J Account* 20:325-33 N '15
- Certified public accountants. W. H. Rand. *J Account* 19:14-20 Ja '15
- Competitive bidding. *J Account* 20:81-90, 133-6, 385-6 Ag, N '15
- National aspects of public accountancy. *J Account* 19:46-50 Ja '15
- Phases of professional ethics. J. F. Forbes. *J Account* 20:271-5 O '15
- Will we co-operate or must we incorporate? W. D. Whitecomb. *J Account* 20:376-82 O '15
- See also* Accounting; American association of public accountants

Advertising

- Educating the public. *J Account* 19:359-62 My '15

Examinations

- C. P. A. examinations. S. Walton. *J Account* 19:230-42 Mr '15
- How to pass the C. P. A. examinations. J. Hunter. *J Account* 20:34-7 Ji '15
- Ohio state board of accountancy examination. *J Account* 19:65-71 Ja '15

Law

- Arkansas C. P. A. law. *J Account* 19:300-3 Ap '15
- Indiana C. P. A. law. *J Account* 19:304-5 Ap '15
- Iowa C. P. A. law. *J Account* 19:369-72 My '15
- Kansas C. P. A. law. *J Account* 19:372-4 My '15
- South Carolina C. P. A. law. *J Account* 19:308-9 Ap '15
- Texas C. P. A. law. *J Account* 19:376-80 My '15

Accounting

- Accountant's report from the standpoint of the several parties at interest. J. S. M. Goodson. *J Account* 20:91-103 Ag '15
- Accounting for cement packages. G. Wilson. *J Account* 19:198-205 Mr '15
- Accounting for depreciation. R. Sealy. *Elec W* 65:460-1 P 20 '15
- Accounting system for contractors. *Elec R & W Elec'n* 66:152 Ja 23 '15
- Consolidation of balance sheets in holding company accounting. A. W. Wright. *J Account* 19:21-33 Ja '15
- Cooperative organization business methods. W. H. Kerr and G. A. Nabholz. *Biblog* 17:8 Agric Bul 178:1-24 '15
- Credits from the viewpoint of a certified public accountant. F. H. Hurdman. *J Account* 18:455-54 D '14
- Department store accounts. H. C. Mages. *J Account* 19:268-91 Ap '15
- Depreciation accounts. W. H. Lawton. *Elec W* 65:1678-9 Ja 26 '15
- Depreciation problems. H. Erickson. *Am Gas Ind* 17:9 Sept 2, 1932-1938; Discussion, p: pt 2, 1938-83 '14
- Federal trade commission and accounting. *J Account* 20:129-33 Ag '15
- Importance of accrued accounts. J. F. Forbes. *Elec Ry J* 46:809-10 O 18 '15
- Inter-department profits. S. Walton. *J Account* 19:164-8 P '15
- Library for accounting employees. *Elec Ry J* 46:852 N 8 '15
- Overhauling capital stock. *J Account* 19:62-5 Ja '15
- Return of annual net income by corporations. W. F. Weiss. *J Account* 19:260-7 Ap '15
- Scams of accountancy. *J Account* 19:456-8 Ja '15
- Secret reserves. J. P. Joplin. *J Account* 18:407-17 D '14
- Sub-division, saving and safety. *Horseless Age* 84:869-70 D 15 '14

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counting; Railroads—Accounting; School accounting; Waterworks—Accounting

Societies

- Accountancy in Canada. G. Edwards. *J Account* 20:334-48 N '15
- Accounting profession in the United States. J. B. Masters. *J Account* 20:350-2 N '15

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- Words often used incorrectly. S. Walton. *J Account* 20:385-6 N '15

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- Accountancy in Canada. G. Edwards. *J Account* 20:334-48 N '15

China

- Accountant in the Orient. E. S. Fletcher. *J Account* 20:356-60 N '15

Accumulators. *See* Storage batteries

Accumulators, Steam. *See* Steam accumulators

Acetate of lime. *See* Lime acetate

Acetic acid

- Indicator in pyrolytic acid. J. M. Joplin. *J Ind & Eng Chem* 7:586 Ji '15
- Production of acetone from pyrolytic acid. M. Barrin. *Il J Ind & Eng Chem* 7:927-9 N '15

Acetic anhydride

- Action of acetic anhydride on some benzylic anhydride acids. J. H. Kelsey and C. E. Too. *Am Chem Soc J* 57:582-6 Mr '15

Acetolysis

- Acetolysis of carbohydrates. S. Born and J. M. Nelson. *Am Chem Soc J* 57:1763-9 Ji '15

Acetone

- Production of acetone from pyrolytic acid. M. Barrin. *Il J Ind & Eng Chem* 7:927-9 N '15

Acetylacetone-thiourea

- Constitution of acetylacetone-thiourea. W. J. Hale and A. G. Williams. *Am Chem Soc J* 57:694-699 Mr '15

Acetylene

- Acetylene-oil-gas generating outfit. *Il Mach* 21:513-14 P '15
- Action of acetylene on metals. A. C. Morison. *Sci Am* 113:487 D 4 '15
- Dissolved and self-generated acetylene. M. K. Dunham. *Iron Age* 96:343 Ag 12 '15
- Effect of acetylene on metals. *Sci Am* 113:408 N 6 '15
- Explosibility of acetylene. G. A. Burrell and G. H. Chaffell. *U S Bur Mines Tech* 19 112:1-12 '15
- Illumination of the substation house, the use of electricity or acetylene. H. L. All. *Eng* 113:21-25 D 11 '15
- Oxy-acetylene welding and cutting equipment; acetylene generators. R. W. Miller. *Eng* March 23:92-4 O '15
- Properties of acetylene. C. H. Chaffell. *Eng* 113:21-25 D 11 '15
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- Fusible plugs**
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- Four years of maintenance of a track crossing on steel substructure. C. A. Prentice. Elec Ry J 46:1044-5 N 20 '15
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- Automatic block signals on the Western Maryland. Il diag Ry Age 58:883-4 Ap 23 '15
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- Operation by signals on Baltimore & Ohio. diags Elec Ry J 46:434-5 S 11 '15
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Tunnels and tunneling

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